

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8231	430/5.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 10:40
L2	416	216/12.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 10:40
L3	441014	mask or photomask or reticle or \$3PSM	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 10:41
L4	266810	repair\$3 or (defect or damage or pit or divot) near2 correct\$3	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 10:45
L5	2824098	etch\$3 or cut\$4 or scratch\$3 or groov\$3 or trench\$3	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 10:46
L6	4112483	substrate or base	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 10:47
L7	14820	atomic force or AFM	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 10:53
L8	2822	250/306-307.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 10:58
L9	436	382/144.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:01
L10	577418	topograph\$6 or topolog\$4 or three dimension\$4 or "3" dimension\$4 or "3" D or "3D"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:04
L11	32052	(diffraction or artificial) grating	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:04
L12	5152	effective refractive index	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:05
L13	2333	subwavelength or sub wavelength or subresolution or sub resolution	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:06
L14	4643931	wid\$2 or narrow\$3 or siz\$2 or dimension\$2	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:12
L15	794	703/6.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:12

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L16	466	702/35-36.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:12
L17	994	700/98,110,118.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:12
L18	2726	optic\$4 near2 simulat\$3	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:15
L19	345	(1 or 2 or 9) and (3 same 4).ti,ab.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:27
L20	131	19 and (3 same 4 same 5 same 6)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:19
L21	1	20 and (5 same 13 same 14)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:22
L22	839	(1 or 2 or 9) and (3 same 4)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:28
L23	1	22 and (3 same 5 same 6 same 13 same 14) not 21	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:32
L24	9	22 and (3 same 5 same 13 same 14) not 21 not 23	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:49
L25	13	22 and (3 same 5 same 13) not 21 not 23 not 24	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:51
L26	3	22 and (11 same 13) not 21 not 23 not 24 not 25	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:56
L27	1	22 and (12 same 12) not 21 not 23 not 24 not 25 not 26	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 11:58
L28	22	(3 same 5 same 6 same 12) not 21 not 23 not 24 not 25 not 26 not 27	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:00
L29	5	(5 same 6 same 11 same 13) not 21 not 23 not 24 not 25 not 26 not 27 not 28	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:05
L30	3	(1 or 2 or 8 or 9) and (3 same 4 same 5 same 6 same 7) not 21 not 23 not 24 not 25 not 26 not 27 not 28 not 29	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:11

## EAST Search History

L31	1	(3 same 4 same 5 same 6 same 7) not 21 not 23 not 24 not 25 not 26 not 27 not 28 not 29 not 30	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:12
L32	1431460	quartz or silica or glass	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:13
L33	190	32 same 5 same 6 same 7 not 21 not 23 not 24 not 25 not 26 not 27 not 28 not 29 not 30 not 31	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:16
L34	60	3 and 33	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:15
L35	8	34 and (11 or 12 or 13)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:16
L36	1	(8 or 9 or 15 or 16 or 17) and (3 or 32) same (4 or 5) same 10 same 18 not 21 not 23 not 24 not 25 not 26 not 27 not 28 not 29 not 30 not 31 not 35	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:22
L37	419	(8 or 9 or 15 or 16 or 17) and (4 or 5) same (10 or 18) not 21 not 23 not 24 not 25 not 26 not 27 not 28 not 29 not 30 not 31 not 35 not 36	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:59
L38	194	37 and (3 or 32)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:26
L40	1	38 and (10 same 18)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:30
L41	1856	716/19-21.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:30
L42	13	38 and 41 not 40	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 12:30
L43	125	20 not 21 not 23 not 24 not 25 not 26 not 27 not 28 not 29 not 30 not 31 not 35 not 36 not 40 not 42	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 13:01
L44	212	19 not 20 not 21 not 23 not 24 not 25 not 26 not 27 not 28 not 29 not 30 not 31 not 35 not 36 not 40 not 42	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 13:03
L45	390	3 same 4 same 5 same 6 not 19 not 20 not 21 not 23 not 24 not 25 not 26 not 27 not 28 not 29 not 30 not 31 not 35 not 36 not 40 not 42	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 13:07

## EAST Search History

L46	45	34 not 19 not 23 not 24 not 25 not 26 not 27 not 28 not 29 not 30 not 31 not 35 not 36 not 40 not 42 not 45	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 13:10
L47	176	38 not 19 not 23 not 24 not 25 not 26 not 27 not 28 not 29 not 30 not 31 not 35 not 36 not 40 not 42 not 45 not 46	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 13:11
L48	183	(Ming near2 Lu or King Chang near2 Shu or Bin Chang near2 Chang or Ki Wei near2 Kung).in. not 19 not 23 not 24 not 25 not 26 not 27 not 28 not 29 not 30 not 31 not 34 not 36 not 38 not 45	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/08/24 13:20
S2	1	("20050214653").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/14 15:17
S3	59	((("4,340,654") or ("4,609,556") or ("4,778,693") or ("4,906,326") or ("4,968,390") or ("5,018,212") or ("5,035,787") or ("5,194,344") or ("5,194,345") or ("5,208,125") or ("5,348,826") or ("5,384,219") or ("5,405,721") or ("5,429,730") or ("5,440,426") or ("5,460,908") or ("5,569,392") or ("5,582,939") or ("5,615,954") or ("5,618,760") or ("5,623,365") or ("5,667,919") or ("5,786,114") or ("5,795,685") or ("5,798,193") or ("5,853,923") or ("5,881,125") or ("5,948,468") or ("5,955,222") or ("5,959,325") or ("5,965,303") or ("6,030,731") or ("6,037,087") or ("6,042,738") or ("6,096,459") or ("6,103,430") or ("6,106,980") or ("6,114,073") or ("6,197,455") or ("6,262,791") or ("6,277,526") or ("6,291,115") or ("6,292,297") or ("6,304,316") or ("6,322,935") or ("6,335,129") or ("6,346,352") or ("6,361,904") or ("6,366,404") or ("6,369,948") or ("6,373,976") or ("6,391,217") or ("6,440,615") or ("6,447,962") or ("6,462,874") or ("6,480,263") or ("6,506,525") or ("6,524,756") or ("6,534,221"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/14 15:55